Creative Enzymes®

L-threonylcarbamoyladenylate synthase

Cat. No. EXWM-3300

Lot. No. (See product label)

Introduction

Description	The enzyme is involved in the synthesis of N6-threonylcarbamoyladenosine37 in tRNAs, with the anticodon NNU, i.e. tRNAIle, tRNAThr, tRNAAsn, tRNALys, tRNASer and tRNAArg.
Synonyms	yrdC (gene name); Sua5; ywlC (gene name); ATP:L-threonyl,bicarbonate adenylyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.87
Reaction	L-threonine + ATP + HCO3- = L-threonylcarbamoyladenylate + diphosphate + H2O
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.